

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(787473) Hex(9C9A9A) Hex(787377) Hex(4F4E4E) Hex(CFCFCF) Hex(4F4F4F)

	Hex(787473)	Hex(9C9A9A)	Hex(787377)	Hex(4F4E4E)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(787473)		Ratio: 1.65 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(9C9A9A)	Ratio: 1.65 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(787377)	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(4F4E4E)	Ratio: 1.79 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(CFCFCF)	Ratio: 2.97 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.77 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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